INDEX TO VOLUME 30 (1989)

AUTHOR LISTING

ANSARI, A., *see* Modarress, Batoul.
AULL, Rhonda L. and La Forge, R. Lawrence, "Using the Incremental Part-period Algorithm to Compute Allowable Limits on MRP System Nervousness ," 4Q, pp. 28–31.

BAHL, Harish C., "Teaching Production and Operations Management at the MBA Level—A Survey," 3Q, pp. 5–8.
BALLEW, Van Bennett and Schlesinger, Robert J., "Modern Factories and Outdated Cost Systems Do Not Mix," 1Q, pp. 19–23.
BAREKAT, Matthew M., *see* Love, Douglas.
BARMAN, Samir, *see* La Forge, R. Lawrence.
BENSON, Andrew J.,"Controlling Material Movement with an Automated Pick List Subsystem," 3Q, pp. 35–39.
BERNARD, Paul, "Managing Vendor Performance," 1Q, pp. 1–8.
BILLESBACH, Thomas J. and Schneiderjans, Marc J., "Appiicability of Just-in-Time Techniques in Administration," 3Q, pp. 40–45.
BROWN, Robert G., "Horizontal or Vertical ?" 1Q, pp. 17–18.
BULLEN, George N., "Selective Programming," 4Q, pp. 49–51.

CAUSEY, Joseph W., "On the Art/Science of Expediting," 1Q, pp. 73–75.
CERVENY, Robert P. and Scott, Lawrence W., "A Survey of MRP Implementation," 3Q, pp. 31–34.
CHONG, Philip S. and Kukalis, Sal, "Using Micro-computer-based MRP Software to Teach Materials Management," 4Q, pp. 56–60.
CHRISTOPH, Orinda Byrd, "McLaren's Order Moment Lot-sizing Technique in Multiple Discounts," 2Q, pp. 44–47.
COX, James F., *see* Finch, Byron J.
COX, James F., *see* Fry, Timothy D.
COX, Taylor, Jr., "Toward the Measurement of Manufacturing Flexibility," 1Q, pp. 68–72.

DAS, Sidhartha and Khumawala, Basheer M., "Flexible Manufacturing Systems: A Production Management Perspective," 2Q, pp. 63–67.
De LURGIO, Stephen and Zhao, Ji-guang, "Teaching Integrated Production and Information Control System Principles Using a Spreadsheet Simulator," 1Q, pp. 29–35.
DIMINNIE, Carol B., "What is Really Going on in Quality Control? A Student Survey," 4Q, pp. 16–18.

ELMUTI, Dean, "Quality Control Circles in Saudi Arabia: a Case Study," 4Q, pp. 52–55.
ETTKIN, Lawrence P., *see* Raiszadeh, Farhad M.E.

FAUBER, Clarence E., "Use of Improvement (Learning) Curves in Predicting Learning Costs," 3Q, pp. 57–60.
FINCH, Byron J. and Cox, James F., "Strategic Use of WIP Inventory: The Impact of Bill-of-Material Shape and Plant Type," 1Q, pp. 63–67.
FORBES, Robert S., Jones, Douglas F., and Marty, Steven T., "Managerial Accounting and Vendor Relations for JIT: A Case Study," 1Q, pp. 76–81.
FRANCISCO, William H., *see* Harrell, Horace W.
FRY, Timothy D. and Cox, James F., "Manufacturing Performance: Local Versus Global Measures," 2Q, pp. 52–57.

GALVIN, Thomas M., "Increasing Production Efficiency through Restricted Sourcing and Sequence-dependent Setup Costs," 1Q, pp. 58–62.
GUPTA, Yash P., "Human Aspects of Flexible Manufacturing Systems," 2Q, pp. 30–36.

HADDOCK, Jorge and Hubicki, Donald E., "Which Lot-sizing Techniques are Used in Material Requirements Planning?" 3Q, pp. 53–56.
HANDFIELD, Robert, "Quality Management in Japan vs. the United States: An Overview," 2Q, pp. 79–85.
HARHALAKIS, George, Sharma, Phani, and Zachmann, William S., "A Dynamic Planning and Control System for Inventories of Raw Materials," 2Q, pp. 12–17.
HARRELL, Horace W. and Francisco, William H., "Cost Recognition in the Used Parts Market," 1Q, pp. 36–38.
HAY, David C., "How Can You Tell if a Manufacturing Software Package is Right for Your Company?" 1Q, pp. 39–43.

HEIKO, Lance, "A Simple Framework for Understanding JIT," 4Q, pp. 61–63.
HELMS, Marilyn M., "To Produce Interest in Production Just Open the Factory Door," 2Q, pp. 72–74.
HELMS, Marilyn M., "Revitalizing the P/OM Function," 3Q, pp. 46–48.
HOHNER, Gregory J., "Manufacturing Cell Design of Factory Floor Local Area Networks: Focus on Connectivity," 3Q, pp. 18–24.
HUBICKI, Donald E., *see* Haddock, Jorge.

IM, Jin H., "Lessons from Japanese Production Management," 3Q, pp. 25–30.
IM, Jin H., "How Does Kanban Work in American Companies ?" 4Q, pp. 22–24.
INMAN, R. Anthony and Mehra, Satish, "Potential Union Conflict in JIT Implementation?" 4Q, pp. 19–21.

JOHNSTON, Stan K., "JIT: Maximizing Its Success Potential," 1Q, pp. 82–86.
JONES, Douglas F., *see* Forbes, Robert S.

KHUMAWALA, Basheer, *see* Das, Sidhartha R.
KING, Steven, "Certification Process: Barriers and Supports," 4Q, pp. 36–40.
KUKALIS, Sal, *see* Chong, Philip S.

La FORGE, R. Lawrence and Barman, Samir, "Performance of Simple Priority Rule Combinations in a Flow-dominant Shop," 3Q, pp. 1–4.
La FORGE, R. Lawrence, *see* Aull, Rhonda L.
LANDERS, Thomas L. and Mohammed, Waseem, "Repetitive Mixed-model Lot Processing," 3Q, pp. 9–13.
LIAO, Ching-Jong, *see* Pan, Andrew C.
LIBERATORE, Matthew J., *see* Miller, Tan C.
LOVE, Douglas and Barekat, Matthew M., "Decentralized, Distributed MRP: Solving Control Problems in Cellular Manufacturing," 3Q, pp. 78–84.

MARTIN, Francois C., "Planning Production Campaigns," 2Q, pp. 1–5.
MARTY, Steven T., *see* Forbes, Robert S.
McMANUS, Joseph P., "Developing a Detailed MRP-II Implementation Plan," 2Q, pp. 75–78.
MEHRA, Satish, *see* Inman, R. Anthony.
MEYER, Harry, "Managing Material Handling Resources: A Case Study at Leviton," 1Q, pp. 24–28.
MILLARD, Robert I., "Is MRP Training Aimed in the Right Direction ?" 2Q, pp. 22–26.
MILLER, Tan C. and Liberatore, Matthew J., "Production and Distribution Planning in a Process Firm," 1Q, pp. 44–48.
MODARRESS, Batoul and Ansari, A., "Quality Control Techniques in U.S. Firms: A Survey," 2Q, pp. 58–62.
MOHAMMED, Waseem, *see* Landers, Thomas L.
MORGAN, Catherine L., "Achieving Academic and Practitioner Objectives in the Basic POM Survey Course," 2Q, pp. 48–51.

NEELEY, Parley S., "Taking the Pulse of MRP: Using Systems Performance Software to Monitor MRP Systems Usage," 3Q, pp. 61–65.
NICOL, Daniel E., "An Innovative Two-bin Application for Floor Stock," 2Q, pp. 27–29.
NORRIS, Daniel M., *see* Waples, Elaine.
NTUEN, Celestine A., "Forecasting Maintenance Crew Size Requirement Based on Periodic Maintenance Inventory Records," 2Q, pp. 41–43.
NYDICK, Robert L. and Weiss, Howard J., "An Evaluation of Variable Demand Lot-sizing Techniques," 4Q, pp. 41–44.

PACOS, Roger L. and Sinn, John W., "An Evaluation of the Finished Goods Inventory System at Westinghouse Electrical Systems Division," 4Q, pp. 45–48.
PAN, Andrew C. and Liao, Chung-Jong, "An Inventory Model under Just-in-Time Purchasing Agreements," 1Q, pp. 49–52.
PATTERSON, Mike C., "Evaluation of Quantity Discounts Considering Rate of Return," 2Q, pp. 68–71.

RAISZADEH, Farhad M.E. and Ettkin, Lawrence P., "POM in Academia : A Cause for Concern," 2Q, pp. 37–40.
RAO, Ashok, "Manufacturing Systems—Changing to Support JIT," 2Q, pp. 18–21.
RAO, Ashok, "A Survey of MRP-II Software Suppliers' Trends in Support of Just-in-Time," 3Q, pp. 14–17.
ROSS, David F., "The Role of Information in Implementing MRP-II Systems," 3Q, pp. 49–52.

SCHLESINGER, Robert J., *see* Ballew, Van Bennett.
SCHNEIDERJANS, Marc J., *see* Billesbach, Thomas J.

SCOTT, Lawrence W., *see* Cerveny, Robert P.
SHARMA, Phani, *see* Harhalakis, George.
SINN, John W., *see* Pacos, Roger L.
SOUNDERPANDIAN, Jayavel, "MRP on Spreadsheets: A Do-it-yourself Alternative for Small Firms," 2Q, pp. 6–11.
SUTER, Willliam C., Jr., *see* Willis, T. Hillman.

TERSINE, Richard J., *see* Toelle, Richard A.
TOELLE, Richard A. and Tersine, Richard J., "Excess Inventory: Financial Asset or Operational Liability?" 4Q, pp. 32–35.
TOOMEY, John W., "Establishing Inventory Control Options for Just-in-Time Applications," 4Q, pp. 13–15.

URBAN, Timothy L., "Combining Qualitative and Quantitative Analysis in Facility Layout," 3Q, pp. 73–77.

VICKERY, Shawnee K., "International Sourcing: Implications for Just-in-Time Manufacturing," 3Q, pp. 66–72.

WAPLES, Elaine and Norris, Daniel M., "Just-in-Time Production and the Financial Audit," 4Q, pp. 25–27.
WEBSTER, Francis M., "A Back-order Version of the Wagner-Whitin Discrete-demand EOQ Algorithm by Dynamic Programming," 4Q, pp. 1–6.
WEISS, Howard J., *see* Nydick, Robert L.
WEITERS, C. David and Williams, Joseph, Software Supporting Introductory Courses in Production/ Operations Management," 1Q, pp. 9–16.
WILLIAMS, Joseph, *see* Wieters, C.David.
WILLIS, T. Hillman and Suter, William C., Jr., "The Five Ms of Manufacturing: A JIT Conversion Life Cycle," 1Q, pp. 53–57.
WOODS, Michael D., "New Manufacturing Practices—New Accounting Practices," 4Q, pp. 7–12.

ZACHMAN, William S., *see* Harhalakis, George.
ZHAO, Ji-guang, *see* De Lurgio, Stephen A.

SUBJECT LISTING

Prepared by James A.G. Krupp

CURRICULA/EDUCATION/ACADEMIC INTERFACE

BAHL, Harish C., "Teaching Production and Operations Management at the MBA Level—A Survey," 3Q, pp. 5–8.
CHONG, Philip S. and KUKALIS, Sal, "Using Micro- computer-based MRP Software to Teach Materials Management," 4Q, pp. 56–60.
De LURGIO, Stephen and ZHAO, Ji-guang, "Teaching Integrated Production and Information Control System Principles Using a Spreadsheet Simulator," 1Q, pp. 29–35.
HELMS, Marilyn M., "Revitalizing the P/OM Function," 3Q, pp. 46–48.
MORGAN, Catherine L., "Achieving Academic and Practitioner Objectives in the Basic POM Survey Course," 2Q, pp. 48–51.
RAISZADEH, Farhad M.E. and ETTKIN, Lawrence P., "POM in Academia: A Cause for Concern," 2Q, pp. 37–40.
WEITERS, C. David and WILLIAMS, Joseph, "Software Supporting Introductory Courses in Production/ Operations Management," 1Q, pp. 9–16.

EDITORIALS

PLOSSL, George, "You're Now a 'Class A' MRP-II User—So What ?" 3Q, pp. 85–86.
WOOLSEY, Gene, "Reader Responses on EOQ," 4Q, p. 71.

FINANCIAL/ACCOUNTING INTERFACES

BALLEW, Van Bennett and SCHLESINGER, Robert J., "Modern Factories and Outdated Cost Systems Do Not Mix," 1Q, pp. 19–23.
HARRELL, Horace W. and FRANCISCO, William H., "Cost Recognition in the Used Parts Market," 1Q, pp. 36–38.
WAPLES, Elaine and NORRIS, Daniel M., "Just-in-Time Production and the Financial Audit," 4Q, pp. 25–27.

FLEXIBLE MANUFACTURING SYSTEMS

DAS, Sidhartha and KHUMAWALA, Basheer M., "Flexible Manufacturing Systems: A Production Management Perspective," 2Q, pp. 63–67.
GUPTA, Yash P., "Human Aspects of Flexible Manufacturing Systems," 2Q, pp. 30–36.

GENERAL MANAGEMENT

COX, Taylor, Jr., "Toward the Measurement of Manufacturing Flexibility," 1Q, pp. 68–72.
ELMUTI, Dean, "Quality Control Circles in Saudi Arabia: A Case Study," 4Q, pp. 52–55.
FRY, Timothy D. and COX, James F., "Manufacturing Performance: Local Versus Global Measures," 2Q, pp. 52–57.
HOHNER, Gregory J., "Manufacturing Cell Design of Factory Floor Local Area Networks: Focus on Connectivity," 3Q, pp. 18–24.
MARTIN, Francois C., "Planning Production Campaigns," 2Q, pp. 1–5.
URBAN, Timothy L., "Combining Qualitative and Quantitative Analysis in Facility Layout," 3Q, pp. 73–77.

INVENTORY MANAGEMENT

BENSON, Andrew J.,"Controlling Material Movement with an Automated Pick List Subsystem," 3Q, pp. 35–39.
FINCH, Byron J. and COX, James F., "Strategic Use of WIP Inventory: The Impact of Bill-of-Material Shape and Plant Type," 1Q, pp. 63–67.
HARHALAKIS, George, SHARMA, Phani, and ZACHMANN, William S., "A Dynamic Planning and Control System for Inventories of Raw Materials," 2Q, pp. 12–17.
NICOL, Daniel E., "An Innovative Two-bin Application for Floor Stock," 2Q, pp. 27–29.
PACOS, Roger L. and SINN, John W., "An Evaluation of the Finished Goods Inventory System at Westinghouse Electrical Systems Division," 4Q, pp. 45–48.
PAN, Andrew C. and LIAO, Chung-Jong, "An Inventory Model under Just-in-Time Purchasing Agreements," 1Q, pp. 49–52.
TOELLE, Richard A. and TERSINE, Richard J., "Excess Inventory: Financial Asset or Operational Liability ?" 4Q, pp. 32–35.

JIT/ZERO INVENTORY

BILLESBACH, Thomas J. and SCHNEIDERJANS, Marc J., "Applicability of Just-in-Time Techniques in Administration," 3Q, pp. 40–45.
FORBES, Robert S., JONES, Douglas F., and MARTY, Steven T., "Managerial Accounting and Vendor Relations for JIT: A Case Study," 1Q, pp. 76–81.
HEIKO, Lance, "A Simple Framework for Understanding JIT," 4Q, pp. 61–63.
IM, Jin H., "Lessons from Japanese Production Management," 3Q, pp. 25–30.
IM, Jin H., "How Does Kanban Work in American Companies ?" 4Q, pp. 22–24.
INMAN, R. Anthony and MEHRA, Satish, "Potential Union Conflict in JIT Implementation?" 4Q, pp. 19–21.
JOHNSTON, Stan K., "JIT: Maximizing Its Success Potential," 1Q, pp. 82–86.
TOOMEY, John W., "Establishing Inventory Control Options for Just-in-Time Applications," 4Q, pp. 13–15.
VICKERY, Shawnee K., "International Sourcing: Implications for Just-in-Time Manufacturing," 3Q, pp. 66–72.
WILLIS, T. Hillman and SUTER, William C., Jr., "The Five Ms of Manufacturing: A JIT Conversion Life Cycle," 1Q, pp. 53–57.

LOT/ORDER SIZING

CHRISTOPH, Orinda Byrd, "McLaren's Order Moment Lot-sizing Technique in Multiple Discounts," 2Q, pp. 44–47.
LANDERS, Thomas L. and MOHAMMED, Waseem, "Repetitive Mixed-model Lot Processing," 3Q, pp. 9–13.
NYDICK, Robert L. and WEISS, Howard J., "An Evaluation of Variable Demand Lot-sizing Techniques," 4Q, pp. 41–44.
WEBSTER, Francis M., "A Back-order Version of the Wagner-Whitin Discrete-demand EOQ Algorithm by Dynamic Programming," 4Q, pp. 1–6.

MATERIALS MANAGEMENT

BROWN, Robert G., "Horizontal or Vertical ?" 1Q, pp. 17–18.
GALVIN, Thomas M., "Increasing Production Efficiency through Restricted Sourcing and Sequence-dependent Setup Costs," 1Q, pp. 58–62.
HAY, David C., "How Can You Tell if a Manufacturing Software Package is Right for Your Company?" 1Q, pp. 39–43.
MEYER, Harry, "Managing Material Handling Resources: A Case Study at Leviton," 1Q, pp. 24–28.

MATERIAL REQUIREMENTS PLANNING (MRP)

AULL, Rhonda L. and La FORGE, R. Lawrence, "Using the Incremental Part-period Algorithm to Compute Allowable Limits on MRP System Nervousness ," 4Q, pp. 28–31.
LOVE, Douglas and BAREKAT, Matthew M., "Decentralized, Distributed MRP: Solving Control Problems in Cellular Manufacturing," 3Q, pp. 78–84.
NEELEY, Parley S., "Taking the Pulse of MRP: Using Systems Performance Software to Monitor MRP Systems Usage," 3Q, pp. 61–65.
SOUNDERPANDIAN, Jayavel, "MRP on Spreadsheets: A Do-it-yourself Alternative for Small Firms," 2Q, pp. 6–11.

MANUFACTURING RESOURCE PLANNING (MRP II)

McMANUS, Joseph P., "Developing a Detailed MRP-II Implementation Plan," 2Q, pp. 75–78.
MILLARD, Robert L., "Is MRP Training Aimed in the Right Direction ?," 2Q, pp. 22–26.
ROSS, David F., "The Role of Information in Implementing MRP-II Systems," 3Q, pp. 49–52.

PROCESS INDUSTRY

MILLER, Tan C. and LIBERATORE, Matthew J., "Production and Distribution Planning in a Process Firm," 1Q, pp. 44–48.

PRODUCTION PLANNING, CONTROL, AND SCHEDULING

BULLEN, George N., "Selective Programming," 4Q, pp. 49–51.
CAUSEY, Joseph W., "On the Art/Science of Expediting," 1Q, pp. 73–75.
La FORGE, R. Lawrence and BARMAN, Samir, "Performance of Simple Priority Rule Combinations in a Flow-dominant Shop," 3Q, pp. 1–4.

PURCHASING

BERNARD, Paul, "Managing Vendor Performance," 1Q, pp. 1–8.

PATTERSON, Mike C., "Evaluation of Quantity Discounts Considering Rate of Return," 2Q, pp. 68–71.

VICKERY, Shawnee K., "International Sourcing: Implications for Just-in-Time Manufacturing," 3Q, pp. 66–72.

QUALITY CONTROL

HANDFIELD, Robert, "Quality Management in Japan vs. the United States: An Overview," 2Q, pp. 79–85.

SURVEYS

CERVENY, Robert P. and SCOTT, Lawrence W., "A Survey of MRP Implementation," 3Q, pp. 31–34.

DIMINNIE, Carol B., "What is Really Going on in Quality Control? A Student Survey," 4Q, pp. 16–18.

HADDOCK, Jorge and HUBICKI, Donald E., "Which Lot-sizing Techniques are Used in Material Requirements Planning?" 3Q, pp. 53–56.

KING, Steven, "Certification Process: Barriers and Supports," 4Q, pp. 36–40.

MODARRESS, Batoul and ANSARI, A., "Quality Control Techniques in U.S. Firms: A Survey," 2Q, pp. 58–62.

RAO, Ashok, "Manufacturing Systems—Changing to Support JIT," 2Q, pp. 18–21.

RAO, Ashok, "A Survey of MRP-II Software Suppliers' Trends in Support of Just-in-Time," 3Q, pp. 14–17.

MISCELLANEOUS

De LURGIO, Stephen and ZHAO, Ji-guang, "Teaching Integrated Production and Information Control System Principles Using a Spreadsheet Simulator," 1Q, pp. 29–35.

FAUBER, Clarence E., "Use of Improvement (Learning) Curves in Predicting Learning Costs," 3Q, pp. 57–60.

HELMS, Marilyn M., "To Produce Interest in Production Just Open the Factory Door," 2Q, pp. 72–74.

NTUEN, Celestine A., "Forecasting Maintenance Crew Size Requirement Based on Periodic Maintenance Inventory Records," 2Q, pp. 41–43.